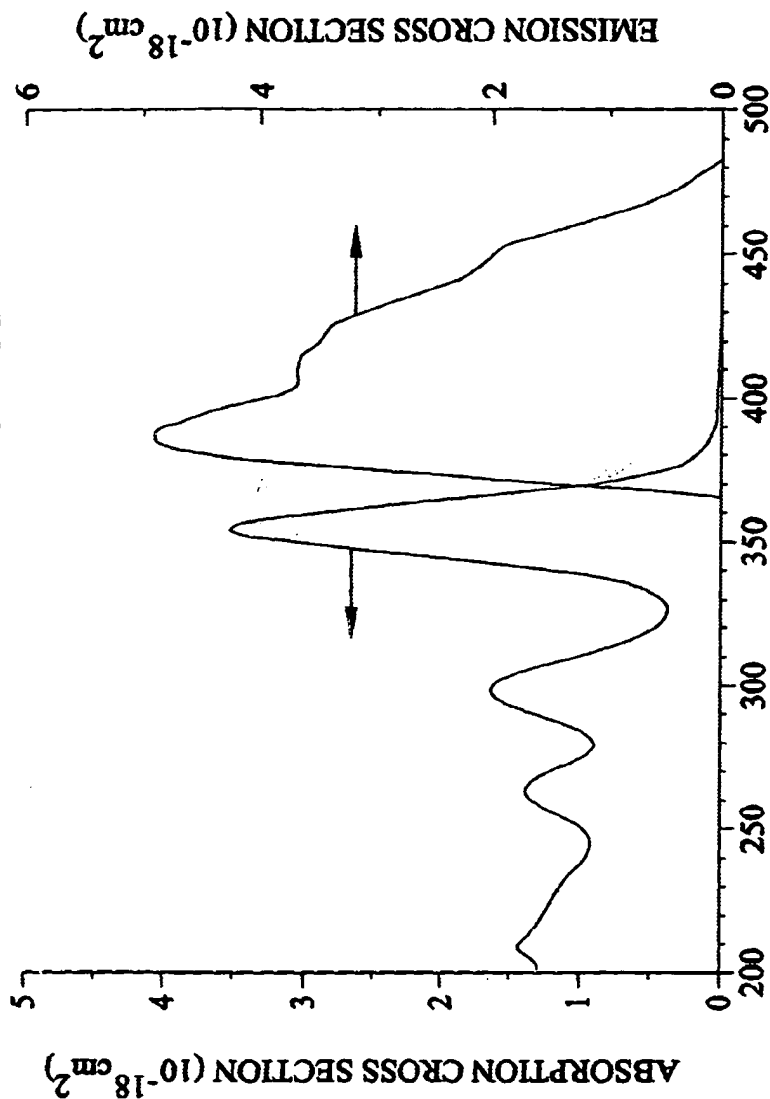




6624420

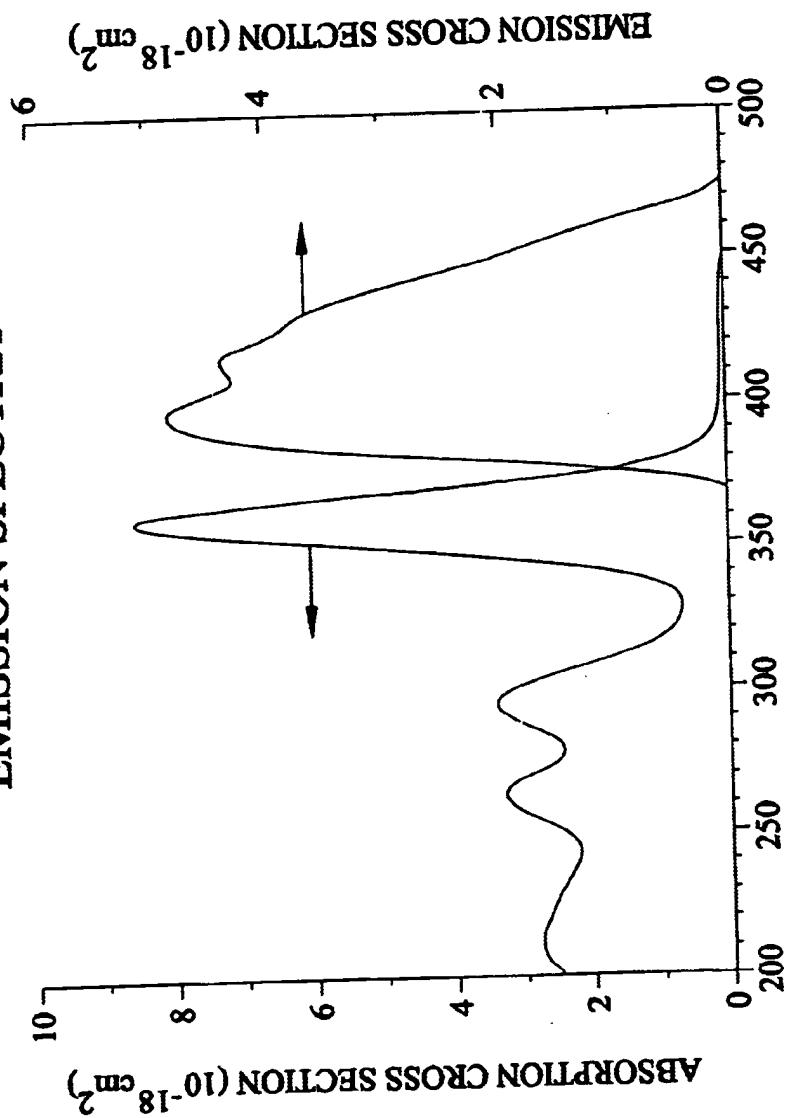
09506160

$\text{Ce}^{3+}:\text{Y}_2\text{SiO}_5$ ABSORPTION AND
EMISSION SPECTRA





$\text{Ce}^{3+} : \text{Lu}_2\text{SiO}_5$ ABSORPTION AND
EMISSION SPECTRA



WAVELENGTH (nm)
FIG. 1B (LSO)



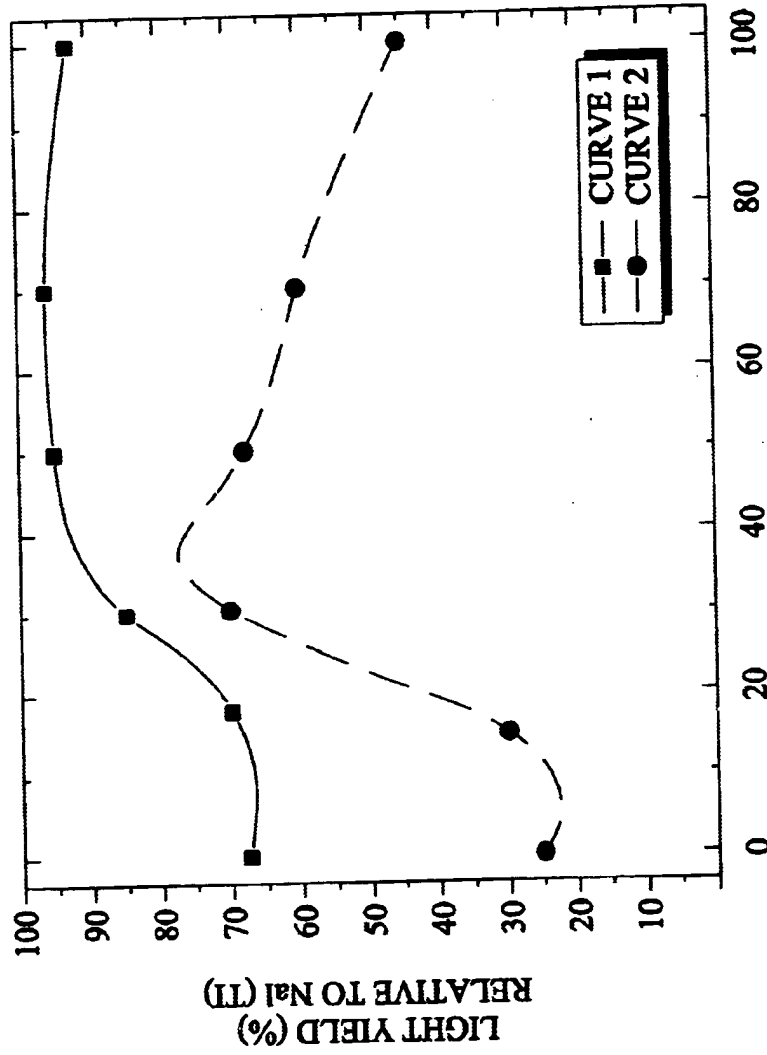
SCINTILLATING DETECTORS



FIG. 2



SCINTILLATING RESULT



% OF Lu IN LYSO

FIG. 3

